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Our File No. 9281-4213
Client Reference No. S US00165

PATENT APPLICATION TRANSMITTAL LETTER

To the Commissioner for Patents:

Transmitted herewith for filing is the patent application of Satoshi Kawai
for Digital Broadcast Receiving Tuner Suitable for Miniaturization.

Enclosed are:

- Preliminary Amendment with attached Appendix A and corrected Figure 1 (corrections to the figure are marked in red)
- 15 pages of application (including title page), 2 sheets of drawings and the following Appendices: n/a
- Declaration and Power of Attorney for Patent Application
- Assignment transmittal letter and Assignment of the invention to: Alps Electric Co., Ltd.
- Submission of Certified Copy of Priority Document and certified copy of Japanese Application No. 2000-332143
- Information Disclosure Statement, PTO-1449, and references A1-A2

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	5-20	0
Indep. Claims	1-3	0
Multiple Dependent Claims Present		

*If the difference in col. 1 is less than zero,
enter "0" in col. 2.

Small Entity	
Rate	Fee
x\$9=	\$ 370
x\$42=	\$
+\$140=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
x\$18=	\$ 740
x\$84=	\$0
+\$280=	\$0
Total	\$740

- Please charge my Deposit Account No. 23-1925 in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$____ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR § 1.16.
 - Any patent application processing fees under 37 CFR §1.17.
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 - Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - Any patent application processing fees under 37 CFR § 1.17.
 - The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

Date

10/24/01

Gustavo Siller, Jr.
BRINKS HOFER GILSON & LIONE
Registration No. 32,305



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